

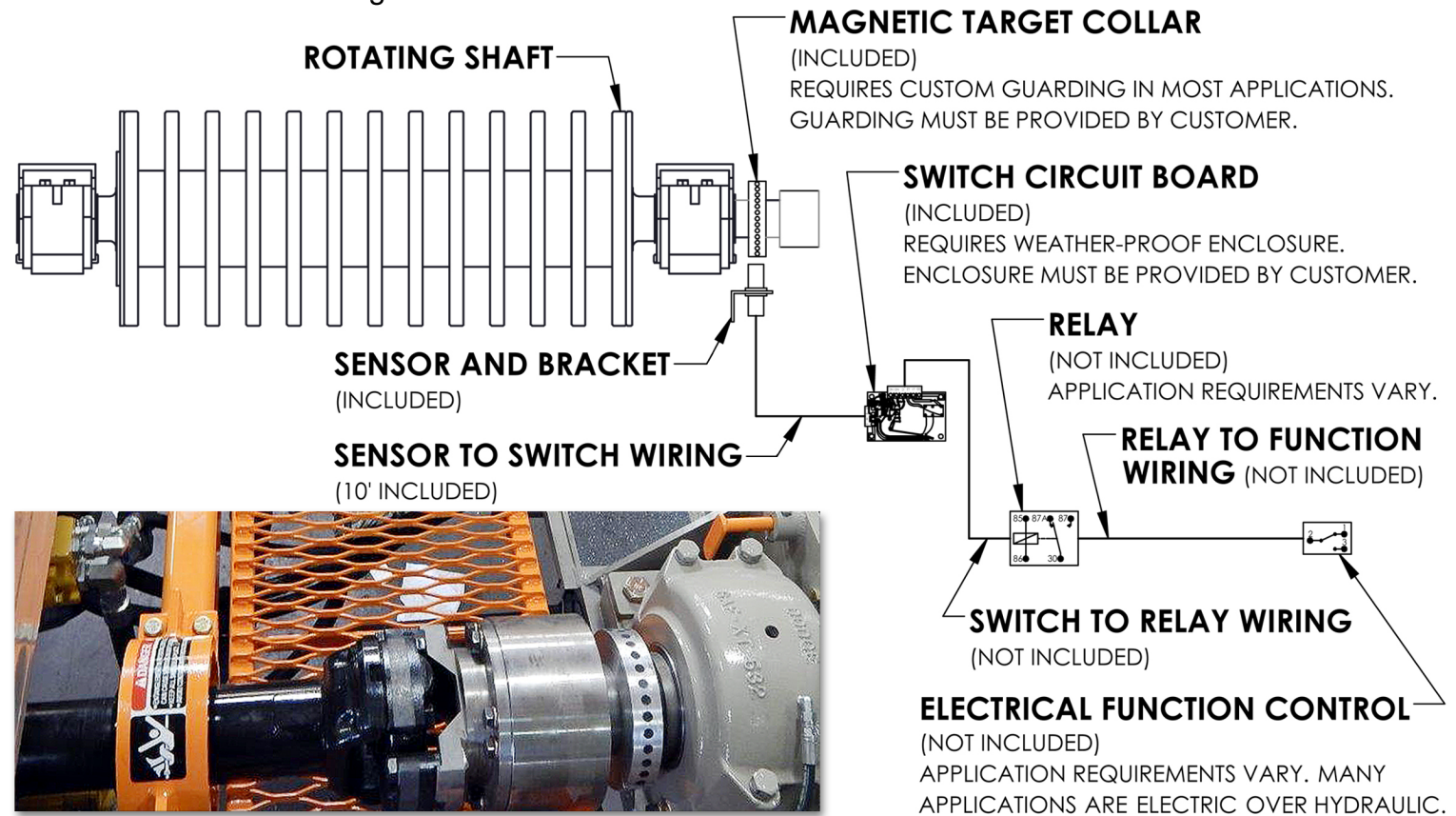
# **CUSTOM ZERO SPEED SENSOR KIT** by CW Mill Equipment Co., Inc.

By adding a custom zero speed sensor kit to a shaft that may rotate, an added layer of safety protection can help to automatically limit select functions to only times when the shaft is completely stopped.

Through the integration of a rotating magnetic target paired with a rugged non-contact sensor, a highly sensitive system can be custom configured to automatically monitor possible shaft rotation and aid with regulating chosen electrical or electrically controlled hydraulic functions.

Retrofit applications & exact configurations will vary, but most common uses intend to automatically help to limit inadvertent attempts to complete a certain task to only times when a rotating shaft has completely stopped.

As an example: A zero speed sensing system that is paired with a rotor shaft that may continue to rotate with inertia after the power source has been shut off can be custom configured to assist with limiting the hydraulic tilting tub floor raise function on most tub grinders or the hydraulic mill top cover raise function on most horizontal end-feed grinders.



**NOTE:** A minimum of one accessory motion indicator such as a tachometer is recommended for use with all zero speed switch systems, and operator procedures must continue to include confirming the absence of movement prior to initiating and carrying on with the impacted control functions.

Complete systems will require other components in addition to a zero speed sensor kit, and an entire system requires trained and experienced installation decision making with technical know-how to apply professional decision making that specifically applies to each individual installation.

For more information regarding zero speed sensor kits, contact CW Mill Equipment Co., Inc.

**CW Mill Equipment Co., Inc.**

Sabetha, Kansas 66534

Phone: 800-743-3491 or 785-284-3454

Fax: 785-284-3601

Email: [hogzilla@cwmill.com](mailto:hogzilla@cwmill.com) Web: [www.hogzilla.com](http://www.hogzilla.com)